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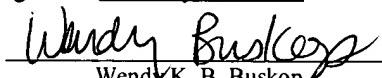
Writer's Direct Dial:  
713.403.7410

February 19, 2004

File No. 1174.04

### CERTIFICATE OF 1<sup>st</sup> Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope, addressed to MAIL STOP DD, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the following date: February 19, 2004.

  
Wendy K. B. Buskop

MAIL STOP DD  
Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

RE: *U.S. Patent Application Serial No. 10/688,421;*  
*Entitled: "ROLLERCOASTER LAUNCH SYSTEM;" and*  
*Inventors: Joop Roodenburg & Peter De Vin.*

Sirs:

Enclosed for filing in the above-mentioned application is:

- (1) An Information Disclosure Statement;
- (2) A Form PTO-1449 listing references A1-A2 and B1;
- (3) Copy of reference B1; and
- (4) A postcard. Please date stamp and return the enclosed postcard to evidence receipt of these materials.



# BUSKOP LAW GROUP, P.C.

Information Disclosure Statement  
Application Serial No. 10/688,421

February 19, 2004  
Page 2 of 2

No fees are believed to be due in connection with these materials. However, the Assistant Commissioner is hereby authorized to charge any deficiencies to Deposit Account No 50-1313 in the name of Buskop Law Group. A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joop Roodenburg &  
Peter De Vin

Group Art Unit: 3617

Serial No.: 10/688,421

Examiner: Not Assigned

Filed: October 17, 2003

Atty Dkt No.: 1174.04

For: ROLLERCOASTER LAUNCH  
SYSTEM

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INFORMATION DISCLOSURE STATEMENT

Sir:

- I. Applicants hereby submit an Information Disclosure Statement and enclose a Form PTO-1449 listing references for consideration by the Examiner. A copy of reference B1 is enclosed.
  
- II. Applicants hereby request the Examiner to consider each cited reference. As required under 37 C.F.R. § 1.98(a)(3)(i), the following are concise explanations of the relevance of each reference, as they are presently understood:

**REFERENCE A1:** “A hoisting apparatus comprising a hydraulic cylinder (1) a piston (3) whereof is connected to a load-handling attachment via a pliable member (6) which passes through a sealing device (9) that is located outside the cylinder (1) and consists of two consecutively arranged chambers (10, 11) separated by seals (12, 13, 14). The chamber (10) next to the cylinder space is filled with a sealing fluid whose viscosity is higher than the viscosity of the hydraulic fluid and the other chamber (11) is connected to a separator (18) adapted to separate the hydraulic fluid from the sealing fluid and to feed them to the space (4) of the hydraulic cylinder and the chamber (10) of the sealing device (9), respectively.

**REFERENCE A2:** “A pumping jack for use with a well having a vertically reciprocable polish rod has a base including a horizontally extending table. A hydraulic cylinder is mounted on the base, with the cylinder axis extending parallel to and above the table. A plunger is reciprocable in the cylinder along the axis and carries with it a block including a first sheave around which a first flexible line is reeved. One end of the first line is affixed to the base, and the other end of the first line extends around a well sheave mounted on the base with the well sheave periphery tangent to the polish rod, the line from the well sheave being affixed to the polish rod. The reciprocating parts are balanced at least in part in either of two ways. In one way, there is a pneumatic chamber variable in volume in accordance with the reciprocation of the plunger and provided with air under an elevated pressure sufficient to counterbalance or offset part of the reciprocating load. In the other way, the plunger carries a second sheave around which a second line is reeved, one end of the second line being secured to the base, and the other end of the second line being reeved around a weight sheave mounted on the base. A weight is secured to the end of the second line depending from the second sheave and has a mass to offset or counterbalance at least part of the reciprocating load. Thus, at least part of the weight of the polish rod and the pumping loads on it is counterbalanced either pneumatically or by gravity or both.”

**REFERENCE B1:** “The invention relates to a hydraulic lift with an accumulator (16). According to the invention, a pump (13) is situated between the hydraulic drive (2) and the accumulator (16), this pump being driven by a motor (14) and providing a means for conveying hydraulic oil from the hydraulic drive (2) to the accumulator (16) and vice versa without the presence of control valves which influence the flow of hydraulic oil, such as proportionally pilot-operated valves. Since the pump (13) is subjected to the pressure  $P_z$  in the cylinder line (11) and the pressure  $P_s$  in the accumulator line (15), the motor (14) of the pump (13) only has to work against the differential pressure and in certain operating states, can even function as a generator and



release electrical energy through a power output device (23) controlling it. This reduces the energy requirements for operating the lift. The speed of the car (1) is controlled or regulated through the control of the motor (14) alone by a control and regulation device (25), through the power out device (23)."

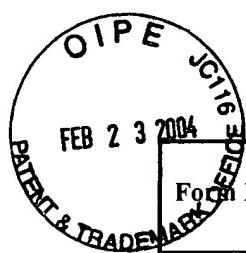
- III. No fees are believed to be due in connection with these materials. This Information Disclosure Statement is being filed prior to receipt of an official Office Action.

Date: February 19, 2004

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Form PTO 1449	U.S. Department of Commerce Patent and Trademark Office		Serial No.: 10/688,421		Group Art Unit: 3617			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Filing Date: October 17, 2003					
			Applicant(s): Joop Roodenburg & Peter De Vin					
			Atty. Docket No.: 1174.04					
<b>A REFERENCE - U.S. PATENT DOCUMENTS</b>								
Document Number	Examiner Initial*	Patent Number	Date	Name	Class	Sub Class	Filing Date If Appropriate	
A1		4,703,835	11/03/87	Negrutsky	187	17	11/02/84	
A2		4,191,016	03/04/80	Roth	60	371	07/07/78	
A3								
A4								
A5								
A6								
<b>B REFERENCE - FOREIGN PATENT DOCUMENTS</b>								
Document Number	Examiner Initial*	Patent Number	Date	Country	Class	Sub Class	Translation	
							Yes      No	
B1		WO 02/14199	2/21/02	Moser	B66B	9/04		X
B2								
B3								
B4								
<b>C REFERENCE - OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.)</b>								
Document Number	Examiner Initial*	Other Documents Citation						
C1								
C2								
C3								
Examiner:		Date Considered:						
*Examiner:		Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						